



SECTION

P

WIRE
INSTRUMENTATION



180-501-150
TC Wire Twisting Forceps
150mm, 6"



Berry
180-309-180
TC Heavy Sternal
Needle Holder with drill
180mm, 7"



Berry
TC Heavy Sternal Needle Holder



180-307-150
150mm, 6"



180-308-150
150mm, 6"



180-307-180
180mm, 7"



180-308-180
180mm, 7"



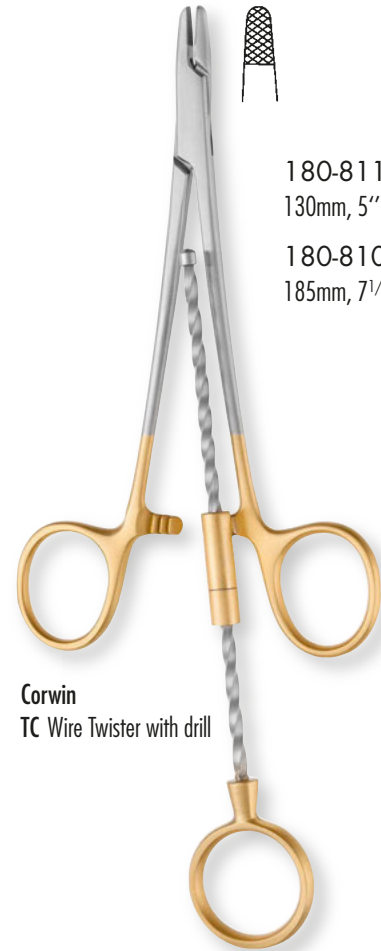
180-307-200
200mm, 8"



180-308-200
200mm, 8"



180-569-130
TC Wire Holding Clamp
Straight, round jaws
130mm, 5"



180-811-130
130mm, 5"

180-810-185
185mm, 7¹/₄"

Corwin
TC Wire Twister with drill



180-569-180
TC Wire Holding Clamp/Sternum
Needle Holder
180mm, 7"



200-515-140
Wire Holding Forceps
with serrated jaw
140mm, 5¹/₂"



180-507-140
Flat Nose Plier, distal jaws,
smooth
140mm, 5¹/₂"



180-504-140
Flat Nose Plier, with pin
smooth
140mm, 5¹/₂"



180-508-140
Flat Nose Plier, square jaws,
smooth
140mm, 5¹/₂"



180-511-140
Flat Nose Plier, serrated jaws
140mm, 5¹/₂"



180-515-160
Flat Nose Pliers, delicate long
jaws, 2mm wide tip
160mm, 6"



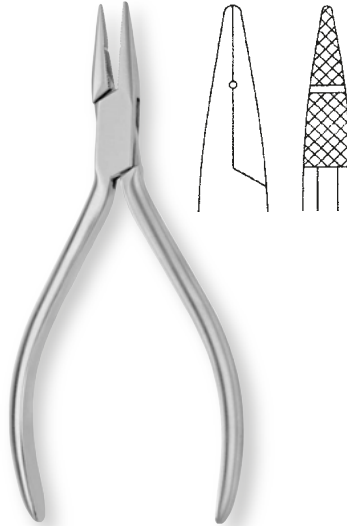
180-500-180
Flat Nose Plier, sharp
195mm, 7³/₄"



180-513-170
Long Jaw Needle Nose Plier
with parallel serrated jaws
178mm, 7"



180-513-190
Narrow Nose Wire Pulling Forceps
with 3mm jaws
190mm, 7¹/₂"



200-518-140
Needle Nose Plier for 1mm
cerclage Wire with groove
140mm, 5¹/₂"



200-518-160
Flat Nose Plier with groove
160mm, 6¹/₄"



Wire Extraction Forceps
with longitudinal and
transversal grooves
170mm, 6³/₄"



180-500-170



180-501-170



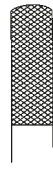
Flat Nose Plier TC
180mm, 7"



200-511-001
Fig. 1



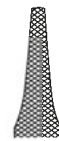
200-511-002
Fig. 2



200-511-003
Fig. 3



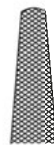
Wire extraction Plier



200-514-145
145mm, 5³/₄"



180-507-180
180mm, 7"



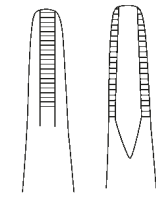
200-514-180
180mm, 7"



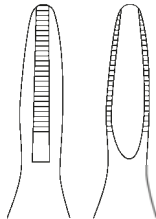
200-519-180
Round Pliers
180mm, 7"



Extraction Pliers for Wires



200-507-130
130mm, 5¹/₈"



200-507-180
180mm, 7"



200-514-170
200-515-170 with drill
Wire Extraction Pliers with lateral
support to hold Wire in place
170mm, 6³/₄"



200-503-165
Wire Pulling Forceps
165mm, 6¹/₂"



180-510-140
Flat Nose Pliers with
2mm tapered tip
140mm, 5 1/2"



180-512-140
Pin Pulling Forceps
with 1 TC insert
140mm, 5 1/2"



Langenbeck
180-634-140
Round Pliers
smooth, round jaw
140mm, 5 1/2"



Waldsachs
180-790-150
Universal Pliers
155mm, 6"



180-501-190
Multi purpose Plier, TC
190mm, 7 1/2"



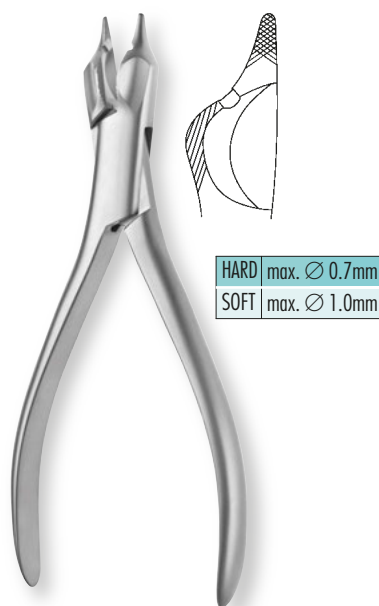
Peeso
180-843-135
Wire Bending Pliers
135mm, 5¹/₄"



Jarabac
180-626-140
Wire Bending Pliers
140mm, 5¹/₂"



180-512-160
Wire Twister/Tightener
160mm, 6¹/₄"



200-514-150
Wire Cutting Forceps
150mm, 6"



200-513-125
Mini Plate Bending Plier
for 1.5 and 2.0mm plates
125mm, 5"



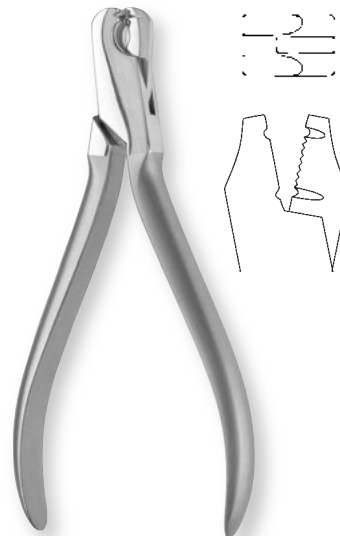
200-204-150
Wire and pin bender
up to 3.2mm
150mm, 6"



200-622-000
K-Wire Applicator
for K-Wire $\varnothing$ 0.8 - 1.6mm



Steinmann
Pin Extractor for nails
up to 3.2mm
200-512-140
140mm, 5^{1/2}"

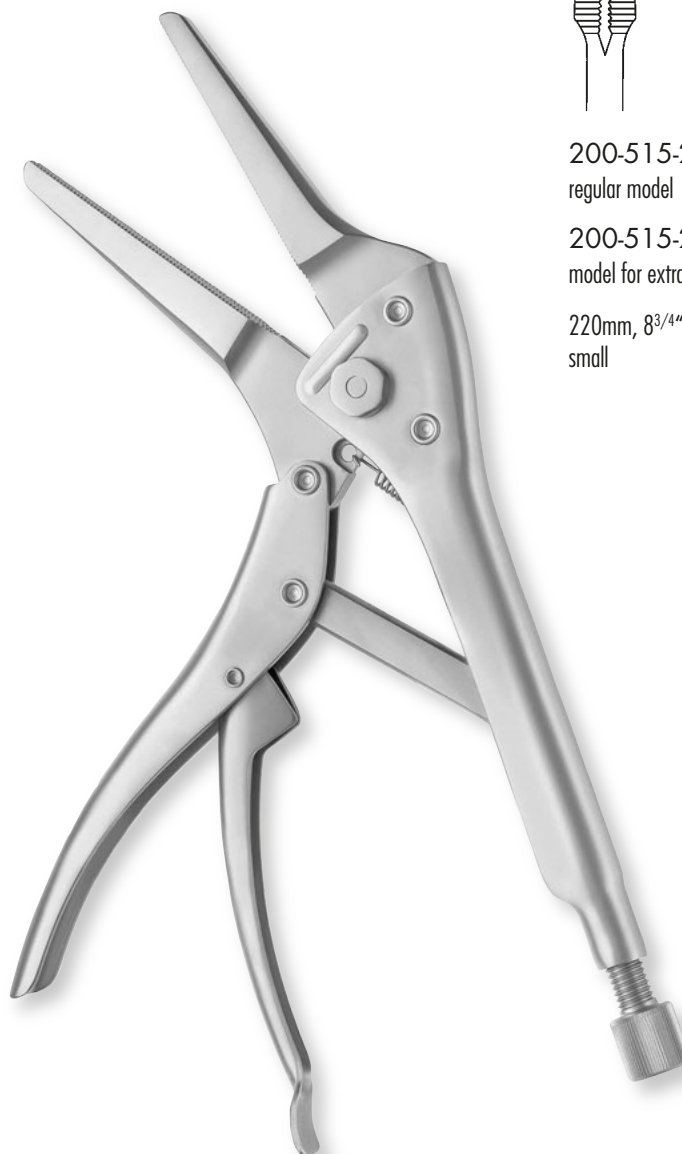


200-416-140
K-Wire and Plate bending Forceps
for mini plates up to 1.6mm,
90°- bending for K-Wires
140mm, 5^{1/2}"

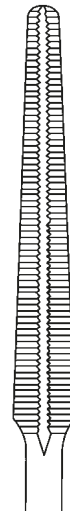


Extraction Mallet
210-400-350
for small and medium models
400gr. 350mm, 13^{3/4}"

210-700-350 for large models
700gr. 400mm, 15^{3/4}"



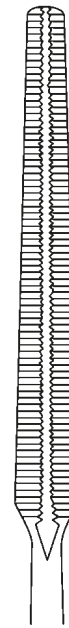
Needle Nosed Locking Pliers



200-515-220
regular model

200-515-221
model for extraction mallet

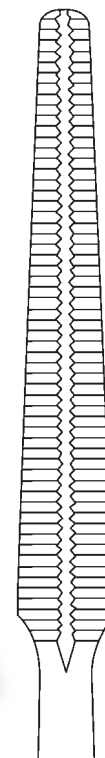
220mm, 8^{3/4}"
small



200-515-250
regular model

200-515-251
model for extraction mallet

250mm, 10"
medium



200-515-300
regular model

200-515-301
model for extraction mallet

300mm, 11^{3/4}"
large



200-511-180
regular model

200-511-181
model for extraction mallet

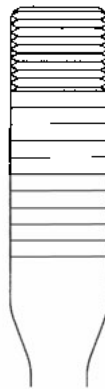
180mm, 7¹/₈"
7mm
small



200-511-200
regular model

200-511-201
model for extraction mallet

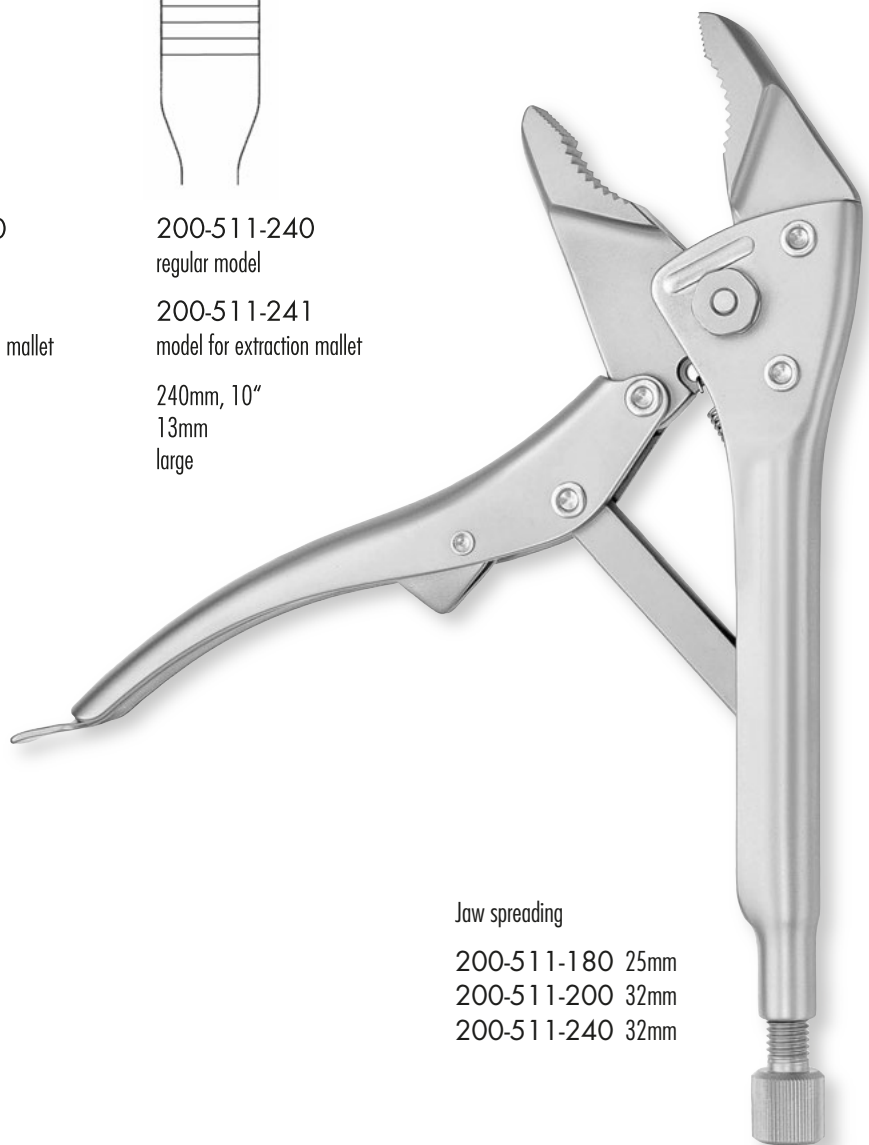
200mm, 8"
9mm
medium



200-511-240
regular model

200-511-241
model for extraction mallet

240mm, 10"
13mm
large



Jaw spreading

200-511-180 25mm

200-511-200 32mm

200-511-240 32mm

Universal
Locking Plier



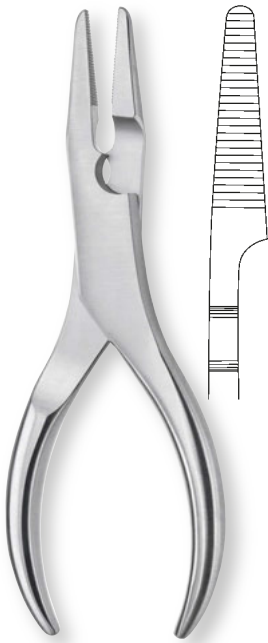
180-502-200
Universal Wire Sizing Forceps,
max. opening: 50mm / 2"
200mm, 8"



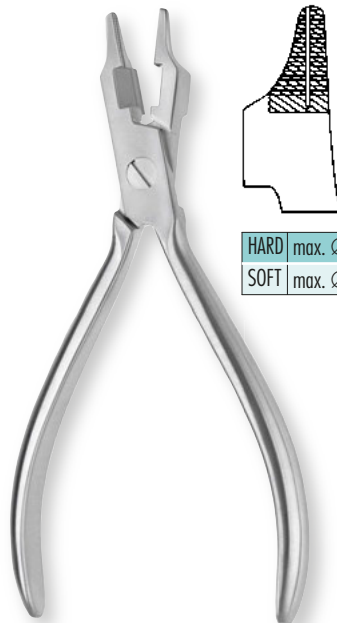
200-513-185
Wire Gripper, Parallel Closure
185mm, 7 1/4"



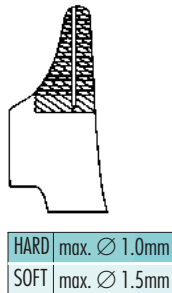
200-512-185
Combined Wire Cutter
and Gripper
180mm, 8"



180-535-160
Flat Nose Pliers with
3.5mm jaw
160mm, 6¹/₂"

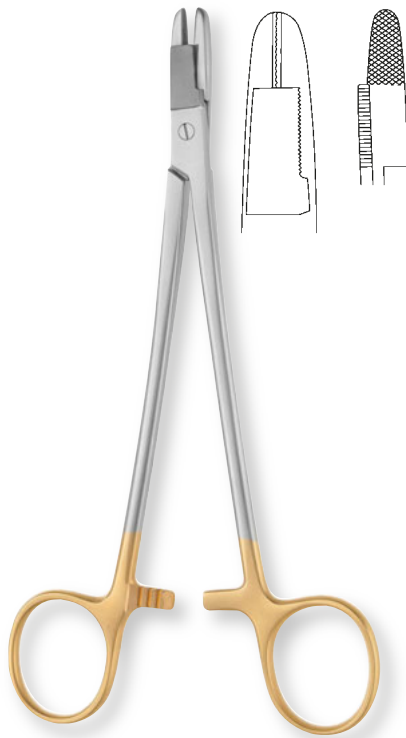


Universal
200-513-150
Wire Cutting and
Bending Forceps
150mm, 6"



200-550-200
Bending Plier "Alpha-Plate"
8" for plates up to 1.6mm
200mm, 8"

200-550-240
Bending Plier "Alpha-Plate"
9³/₄" for plates up to 3.0mm
240mm, 9¹/₂"



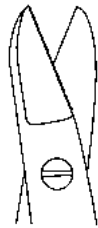
Koppelman
180-572-185
Wire Twister and Scissors
185mm, 7¹/₄"



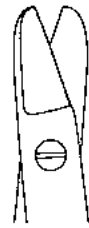
Lineman
200-516-220
Plier with cutting edge
220mm, 8¹/₂"



Crown & Collar Scissors
100mm, 4 1/8"



120-296-100
Straight, sharp,
serrated



120-300-100
Straight, blunt,
serrated,



120-294-100
Straight, sharp



120-298-100
Straight, blunt



120-297-100
Curved, sharp,
serrated



120-301-100
Curved, blunt,
serrated



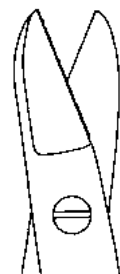
120-295-100
Curved, sharp



120-299-100
Curved, blunt



Crown & Collar Scissors
120mm, 5"



120-296-120
Straight, sharp,
serrated



120-300-120
Straight, blunt,
serrated



120-294-120
Straight, sharp



120-298-120
Straight, blunt



120-297-120
Curved, sharp,
serrated



120-301-120
Curved, blunt,
serrated



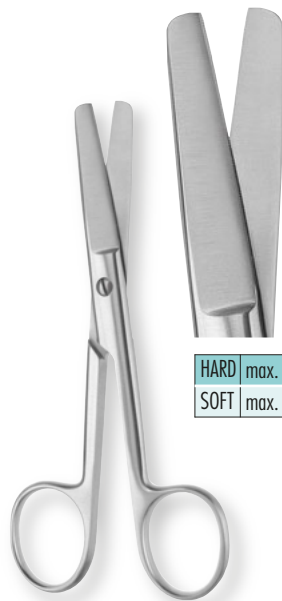
120-295-120
Curved, sharp



120-299-120
Curved, blunt



120-596-120
TC Wire Scissors
120mm, 4^{3/4}"



Harvey
120-262-125
Wire Cutting Scissors, serrated
125mm, 5"

HARD	max. Ø 0.3mm
SOFT	max. Ø 0.4mm



Smith
TC Wire Cutting Scissors,
serrated
120-570-160 straight
120-571-160 curved
160mm, 6^{1/4}"



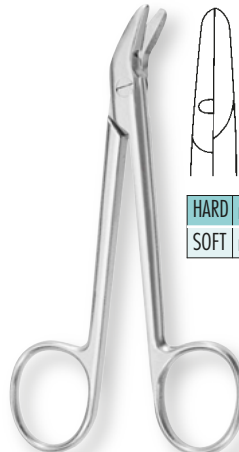
Schuknecht
120-120-100
Wire Scissors, straight,
short blade
100mm, 4^{1/8}"



200-500-110
TC Wire Cutter, for wires up to 0.7mm
110mm, 4^{1/3}"

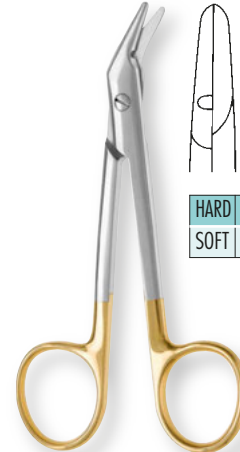


Universal
TC Wire & Plate Shear
120-565-170
170mm, 6^{3/4}"



HARD	max. Ø 0.8mm
SOFT	max. Ø 1.2mm

120-265-120
Universal Wire and Bandage Scissors,
serrated
120mm, 5"



HARD	max. Ø 0.8mm
SOFT	max. Ø 1.2mm

120-565-120
TC Universal Wire & plate Scissors
120mm, 5"



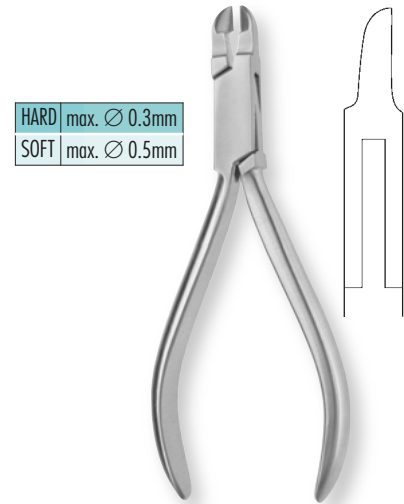
HARD	max. Ø 1.0mm
SOFT	max. Ø 1.5mm

180-513-530
TC Wire Cutter
150mm, 6"



HARD	max. Ø 0.6mm
SOFT	max. Ø 1.0mm

200-500-120
TC Wire Cutter
120mm, 5"



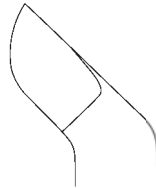
HARD	max. Ø 0.3mm
SOFT	max. Ø 0.5mm

Angle
180-513-130
Wire Cutter
130mm, 5^{1/8}"



200-500-160
180mm, 7¹/₈"

HARD	max. Ø 1.6mm
SOFT	max. Ø 2.0mm

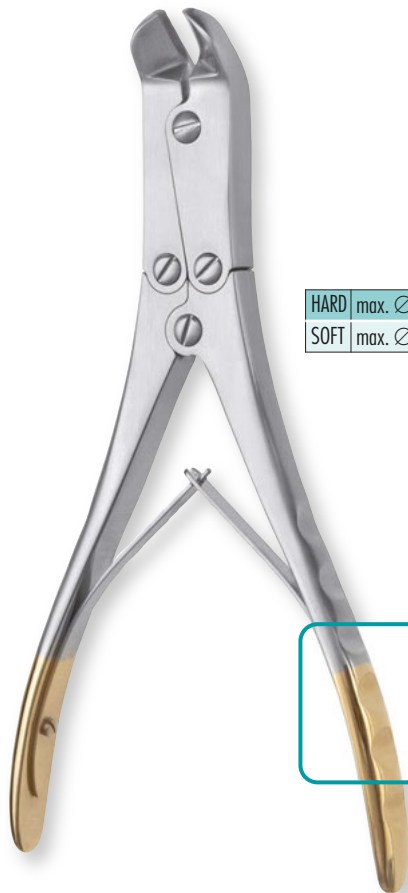


200-500-220
220mm, 8³/₄"

HARD	max. Ø 1.8mm
SOFT	max. Ø 2.2mm



HARD	max. Ø 2.2mm
SOFT	max. Ø 3.0mm



HARD	max. Ø 2.2mm
SOFT	max. Ø 3.0mm



ergonomic handle

200-504-235
TC Wire Cutter
45° angled jaws
235mm, 9¹/₄"

200-501-235
TC Wire Cutter
45° angled jaws
235mm, 9¹/₄"



HARD	max. Ø 2.2mm
SOFT	max. Ø 3.0mm

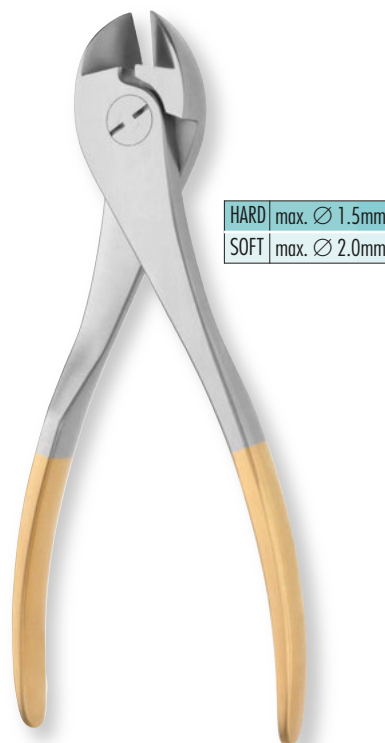
200-503-235
TC Wire Cutting Plier
Cutting edge angled, 12°
235mm, 9¹/₄"



200-506-220
TC Front Wire Cutter
220mm, 8³/₄"



200-510-150
TC Front and Lateral Wire Cutter
150mm, 5³/₄"



200-502-180
TC Wire Cutter
180mm, 7"



200-504-180
Wire Cutter
180mm, 7"



HARD	max. Ø 0.7mm
SOFT	max. Ø 1.0mm

200-510-145
TC Wire Cutter
145mm, 5³/₄"



HARD	max. Ø 1.6mm
SOFT	max. Ø 2.0mm

200-510-160
Diamant Head-Wire
Cutter, front action
160mm, 6¹/₄"



HARD	max. Ø 1.6mm
SOFT	max. Ø 2.4mm

200-502-185
Head Cutter, cannulated
185mm, 7¹/₄"



HARD	max. Ø 2.2mm
SOFT	max. Ø 2.8mm



200-502-200
TC "Easy Cut" Wire Cutter
200mm, 8"



Wires up to $\varnothing$ 3.0mm



Exchangeable TC blades
and rubber jaws

200-500-230
TC Wire Cutter
exchangeable TC blades
and rubber jaws
230mm, 9"



200-502-998
Rubber jaws spare set



200-502-997
TC Blades spare set



Wires up to $\varnothing$ 4.0mm

200-502-280
TC Wire Cutter
exchangeable TC blades
and rubber jaws
280mm, 11"

Wires up to $\varnothing$ 2.2mm

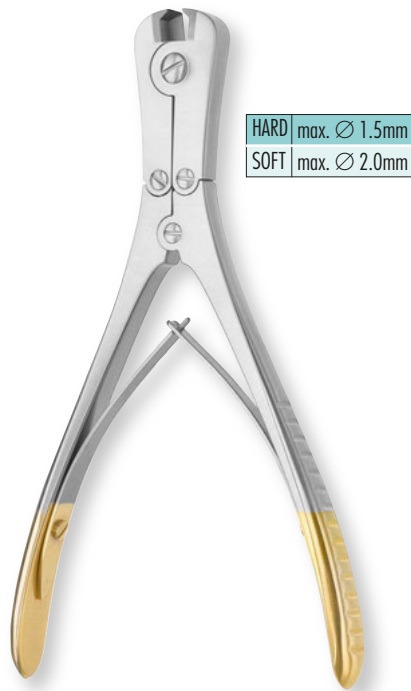


200-505-180
TC Wire Cutter
for right hander
exchangeable TC blades
and rubber jaws
180mm, 7"

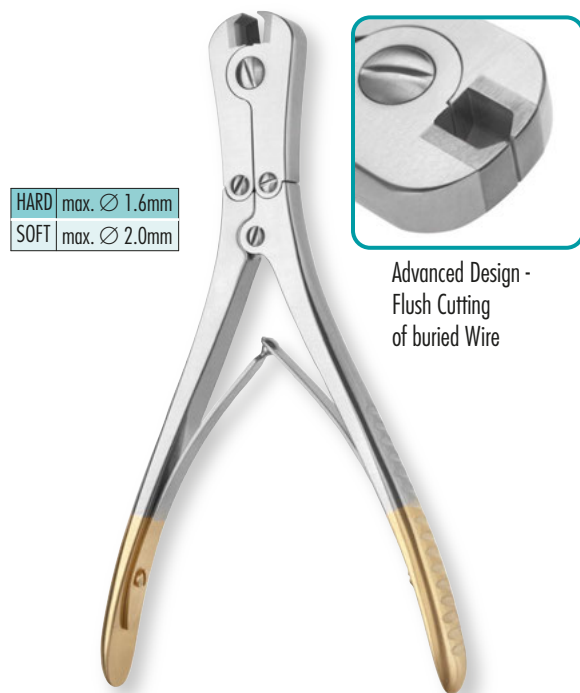
Wires up to $\varnothing$ 1.6mm



200-509-180
TC Front and Side Cutter
exchangeable TC blades
with integrated rubber jaws
180mm, 7"



200-506-180
TC Front and Lateral Cutting Plier
180mm, 7 "



200-508-180
TC Flush Wire Cutter
180mm, 7 "



200-522-240
TC Wire Cutter, double action
240mm, 9 1/2"



UP TO Ø 6.0mm

200-500-600
Pin Cutter Titanium,
titanium handles,
hardened Cutting edges
540mm, 21 1/4"



200-500-585
Pin Cutter for 6.35 mm Steinmann Pins
with detachable handles
575mm, 22^{1/2}"

UP TO Ø 6.3mm



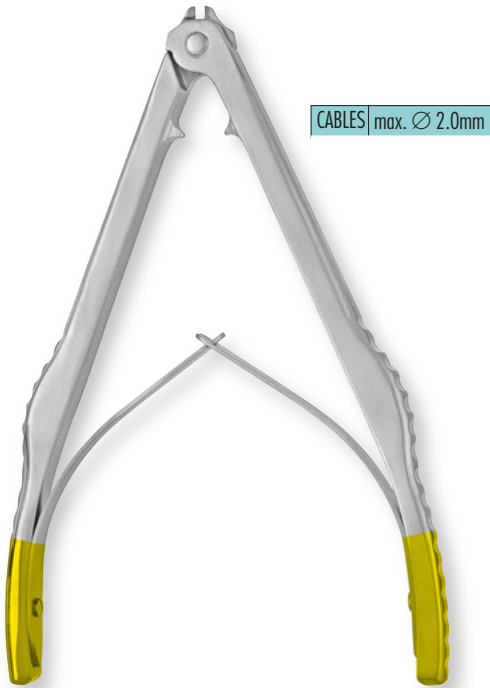
200-500-470
TC Pin Cutter for K-Wires up to 5mm
470mm, 18^{1/2}"



200-500-380
TC Front Cutter
380mm, 15"



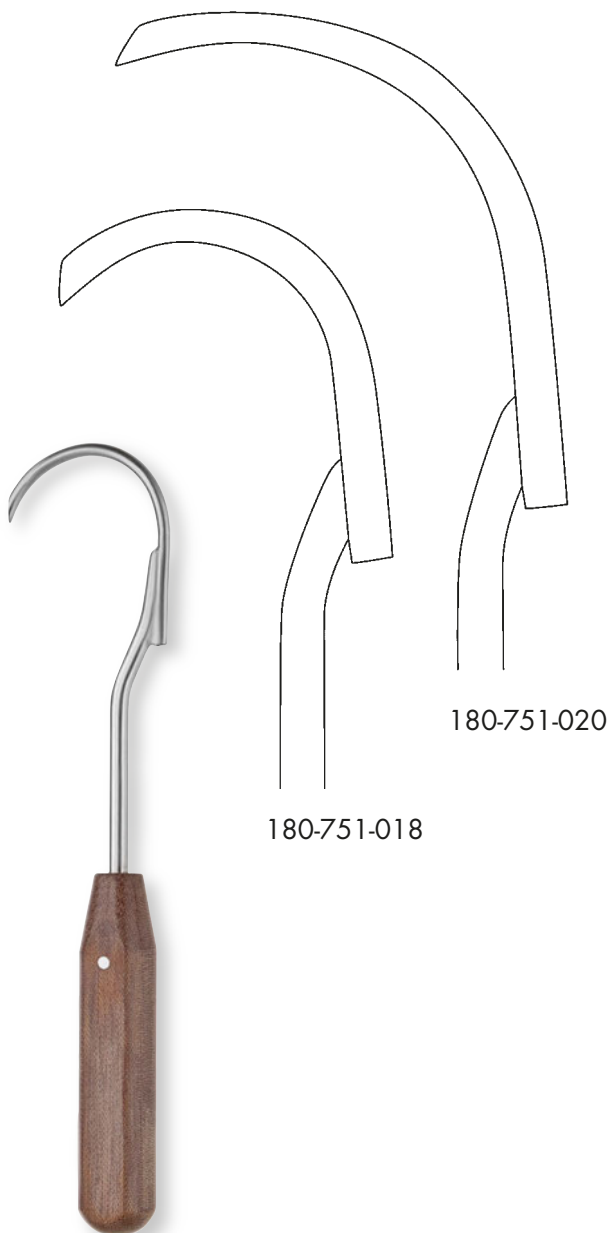
200-500-540
TC Pin Cutter
540mm, 21¹/₃"



Harms
200-455-180
TC Vertebral Cutting Forceps
180mm, 7"



200-509-320
Wire Cutter K-Wires up to 3mm
320mm, 12^{3/4}"



180-751-018

180-751-020

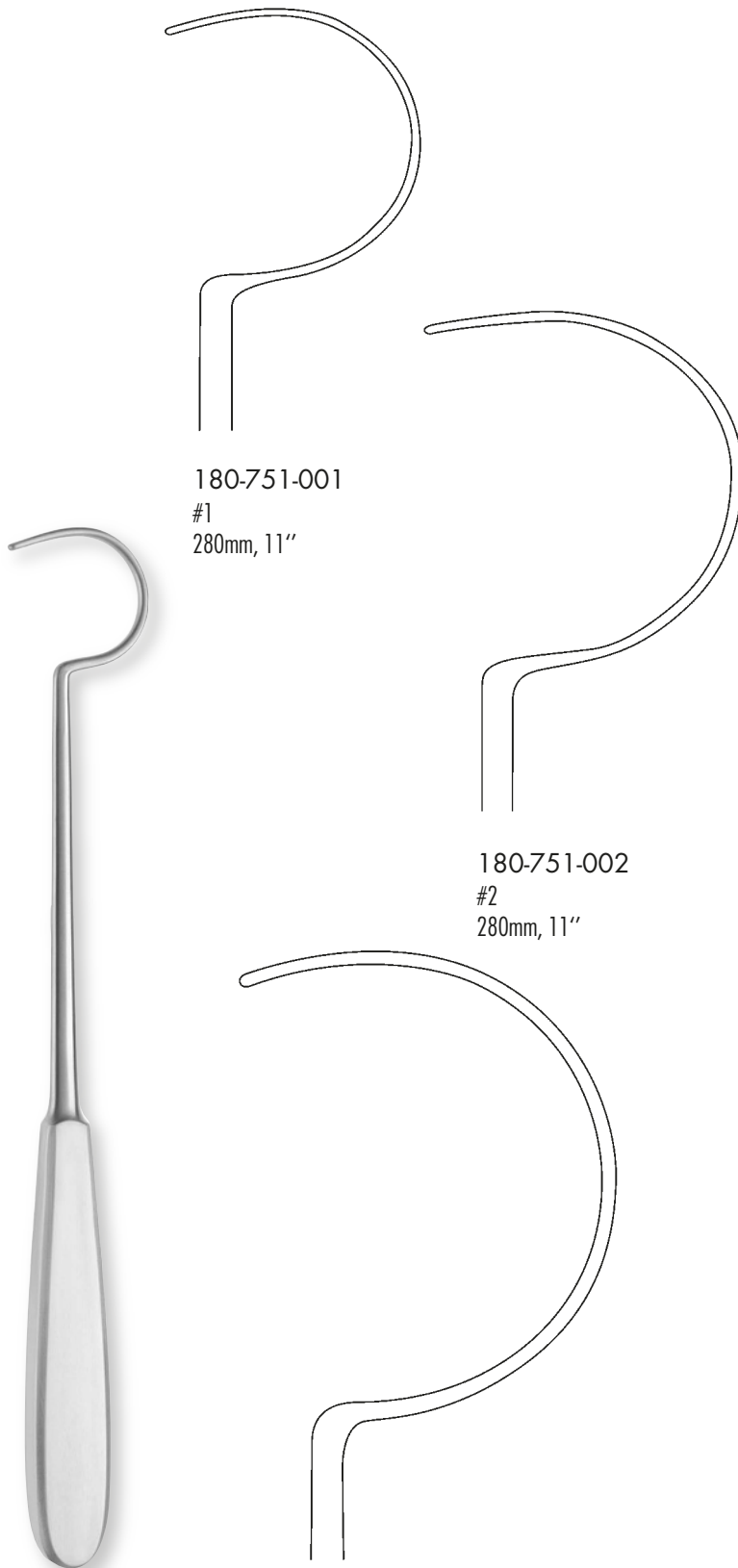
Wire Guide Instrument,
with ferrozell handle
210mm, 8^{1/4}"



180-751-014
240mm, 9^{1/2}"

180-751-016
270mm, 10^{3/4}"

Bone Wire Guide,
hollow and sharp



180-751-001
#1
280mm, 11"

180-751-002
#2
280mm, 11"

180-751-003
#3
305mm, 12"

Demel
Bone Wire Guide



Kronecker
180-751-150
Ligature Needle
left angled
150mm, 6"

Kronecker
180-752-150
Ligature Needle
right angled
150mm, 6"



Weinraub
250-974-180
Lamina Spreader,
with drill guide and ratchet
180mm, 7"



200-518-150
Bone Holding Forceps
with guide for K-Wire 1.8mm
150mm, 6"



Bone Holding Forceps
with guide for K-Wire
145mm, 5^{3/4}"

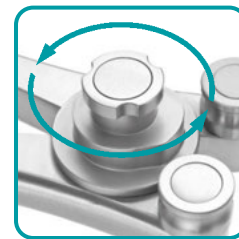
- 200-511-145
Ø 1.1mm
- 200-513-145
Ø 1.3mm
- 200-516-145
Ø 1.6mm



200-532-200
Bar Bending Plier,
for bar/Wire $\varnothing$ 3-4 mm
160mm, 6¹/₄"



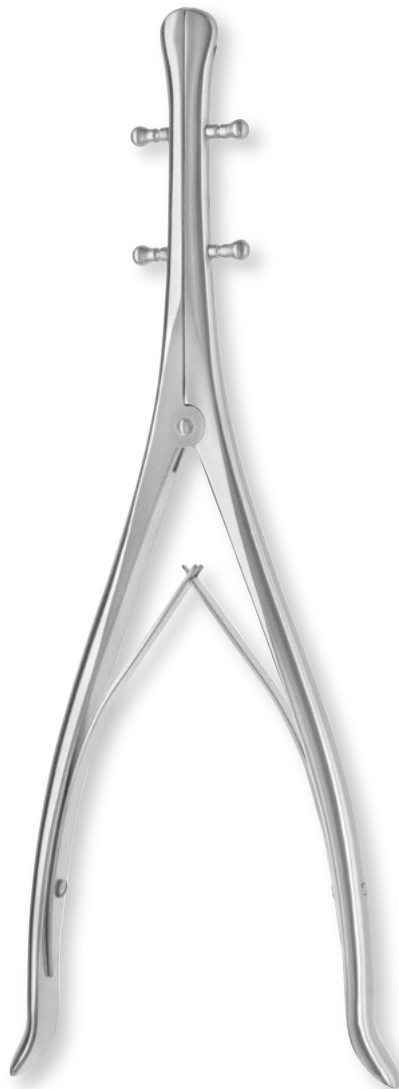
Lepine
200-675-285
Rod Bender, adjustable,
for rods up to 7mm diameter
285mm, 11"



Multiple Diameter
adjustable



200-580-250
Wire Tightener, with
double wing nut
250mm, 10"



Demel
200-755-270
Wire Tightening- and
Twisting Forceps
270mm, 10²/₃"



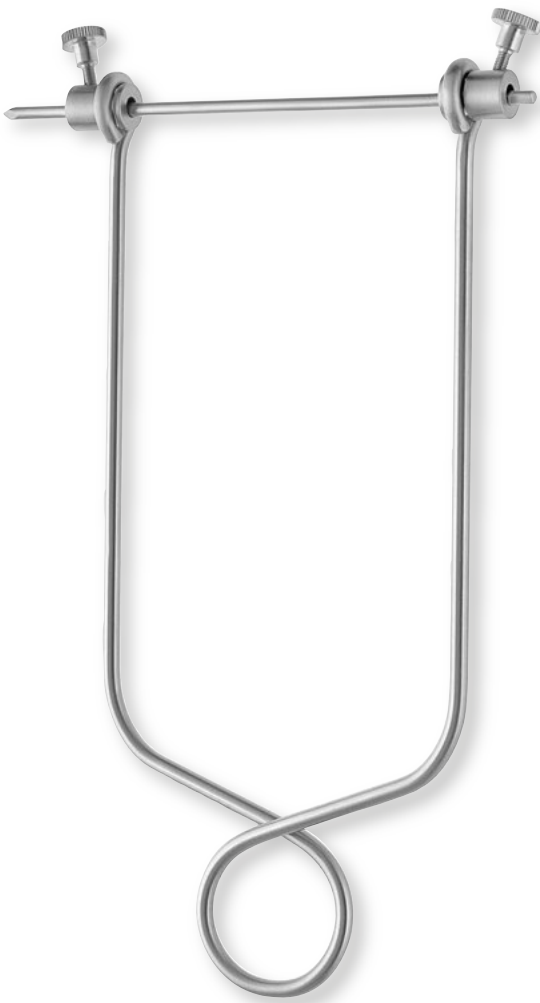
Louie
200-513-210
Bone Wire Tightner
210mm, 8¹/₄"



200-610-260
Wire Tightening Forceps
with interchangeable head
260mm - 10¹/₄"



201-426-000
Screw Removal Forceps
200mm, 8"



Boehler
Extension Bow
for 3.5 - 5.0mm Steinmann Pins

200-552-160
for arm
with Steinmann pin
90mm x 160mm, 3¹/₂" - 6¹/₄"

200-552-210
for knee and femur
with Steinmann pin
110mm x 210mm, 4³/₈" - 8¹/₄"

200-552-250
for thigh
with Steinmann pin
150mm x 210mm, 6" - 8¹/₄"

200-550-160
without Steinmann pin

200-550-210
without Steinmann pin

200-550-250
without Steinmann pin

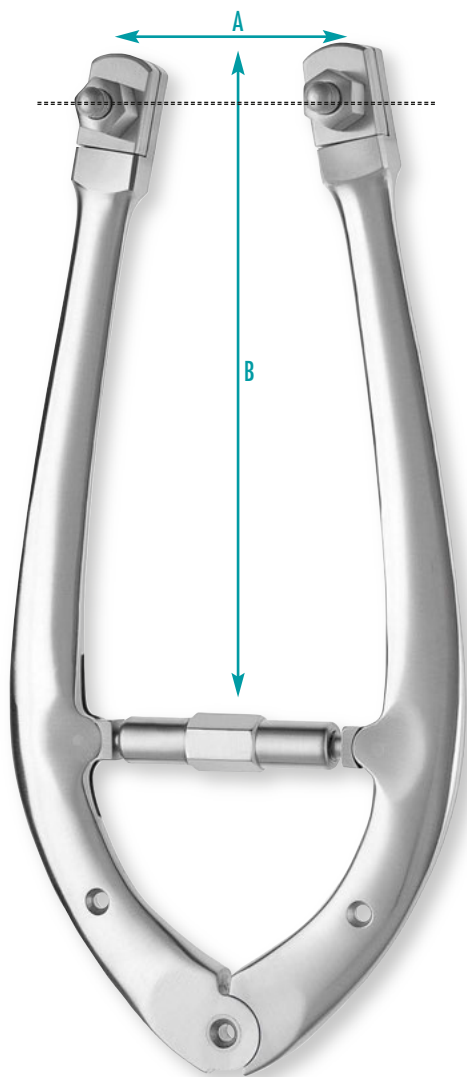


Kirschner Extension Bows

200-555-180
180mm, 7"
max. opening: medium

200-555-220
260mm, 10¹/₂"
max. opening: large

200-555-300
260mm, 10¹/₂"
max. opening: Extra large



200-601-140

small pattern

A 40mm - 140mm, 1^{3/4}" - 5^{1/8}"

B 100mm, 4"

200-601-220

large pattern

A 70mm - 190mm, 2^{3/4}" - 7^{1/2}"

B 160mm, 6^{1/4}"

Kirschner
Extension Box
Complete with 3 traction hooks

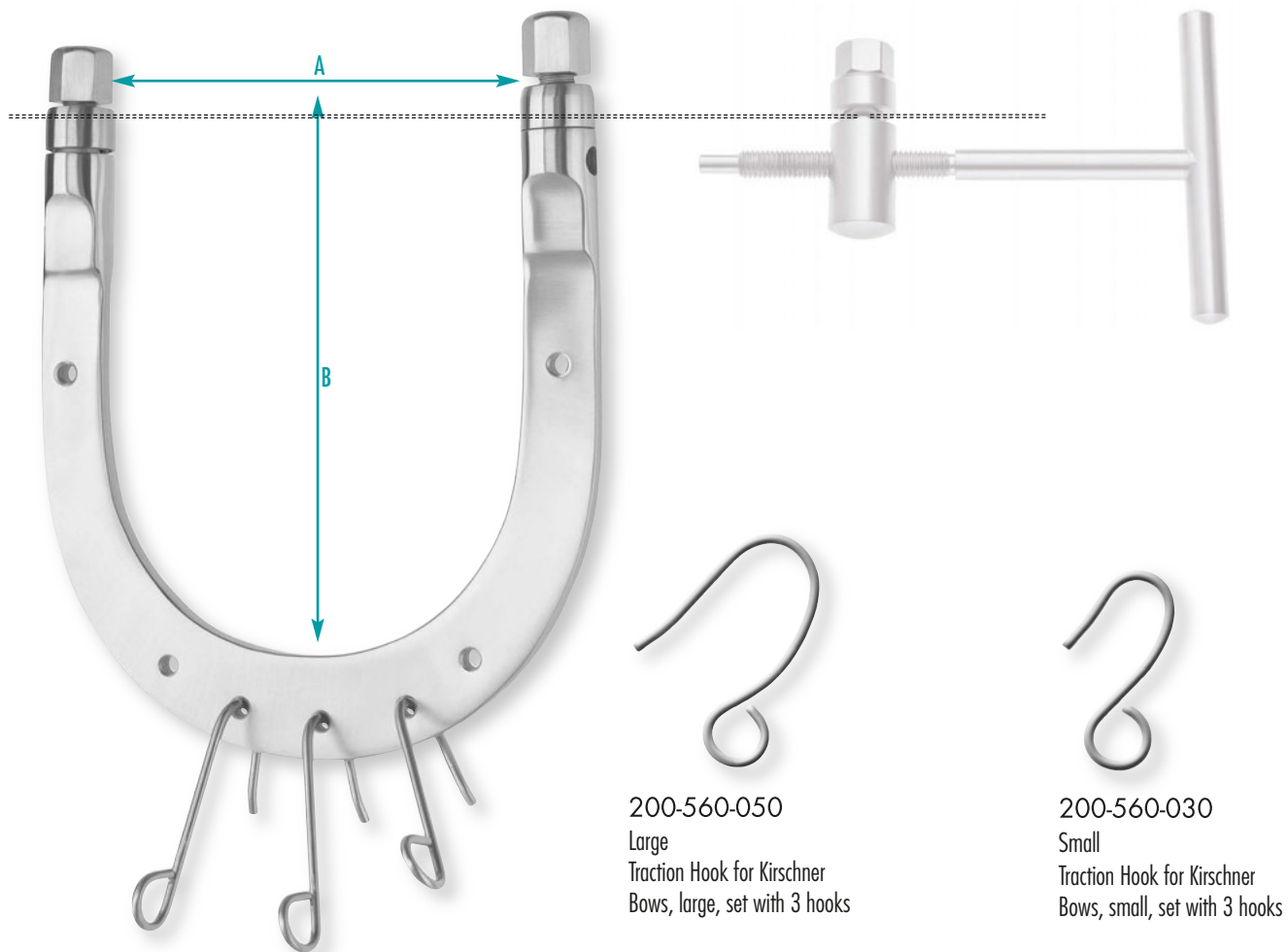


Wire Finger Grip

215-000-001 small

215-000-002 medium

215-000-003 large



Kirschner
Extension Bows for Knee
Complete with 3 traction hooks

200-560-050
Large
Traction Hook for Kirschner
Bows, large, set with 3 hooks

200-560-030
Small
Traction Hook for Kirschner
Bows, small, set with 3 hooks

200-560-200
for hip
A 200mm, 8"
B 155mm, 6¹/₈"

200-560-155
for femur
A 155mm, 6¹/₈"
B 155mm, 6¹/₈"

200-560-135
for knee
A 135mm, 5³/₈"
B 130mm, 5¹/₈"

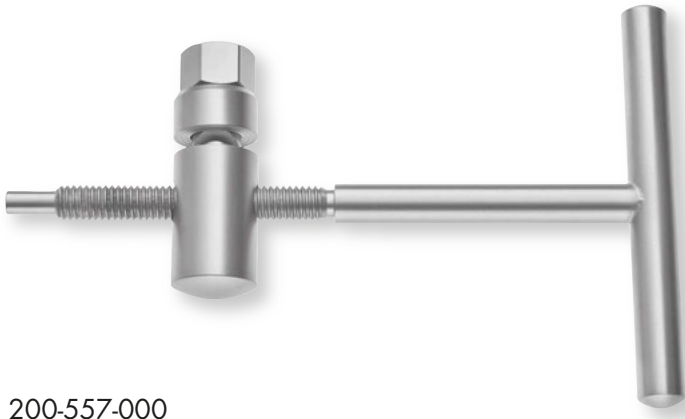
200-560-120
for knee
A 120mm, 4³/₄"
B 120mm, 4³/₄"

200-560-105
for knee
A 105mm, 4¹/₄"
B 100mm, 4"

200-560-095
for heel
A 95mm, 3³/₄"
B 110mm, 4³/₈"

200-560-070
for arm
A 95mm, 3³/₄"
B 70mm, 2³/₄"

200-560-060
for elbow
A 60mm, 2³/₈"
B 50mm, 2"



200-557-000
Wire Strainer for Kirschner Extension Bow



200-558-000
Screw Nut Wrench

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.